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Attorney's Docket No.: TRV 20010-1-1-3

PATENT APPLICATION TRANSMITTAL LETTER

Box PATENT APPLICATION
TO THE ASSISTANT COMMISSIONER OF PATENTS
WASHINGTON, D.C.

10/004161
11/15/01
1031 U.S. PRO

Transmitted herewith for filing is the Continuation-In-Part
Patent application of:

Karl Tryggvason et al.

Entitled: **PERFUSION APPARATUS AND METHODS FOR
PHARMACEUTICAL DELIVERY**

Enclosed are:

- 23 Pages of Specification
- 2 Pages of Claims
- 1 Page of Abstract of the Disclosure
- 7 Sheets of DRAWING (FIGURES 1-6B)
- X A signed DECLARATION FOR PATENT APPLICATION
- X Information Disclosure Statement
 - X Form 1449
- X Small Entity Status is claimed in the present application
- X Assignment

Benefit of Prior U.S. Applications:

This application claims priority as a continuation-in-part of U.S. Serial No. 09/167,894, filed October 7, 1998, which is a continuation of U.S. Serial No. 08/761,793 filed December 6, 1996, now U.S. Patent No. 5,871,464, which is a continuation of U.S. Serial No. 08/422,189, filed on May 16, 1995, now abandoned.

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CLAIMS AS FILED

FOR	NO. FILED	NO. EXTRA	RATE	FEE
TOTAL CLAIMS	16	0	x\$ 9.00	\$370.00
INDEPENDENT	3	0	x\$42.00	\$0.00

BASIC FEE (small entity) \$ 370.00
 EXTENSION OF TIME \$ 0.00
 TOTAL FILING FEE \$ 370.00

A CHECK in the amount of \$ 370.00 for the application Filing Fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or to credit any overpayment, to Deposit Account No. 06-0308. A duplicate copy of this sheet is enclosed.

Date 11/15/01

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I hereby certify that this communication is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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